

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) ~~An infra-red reflecting A layered structure, said layered structure comprising consecutively:~~

~~an infra-red reflecting layered structure, said infra-red reflecting layered structure comprising:~~

a first transparent substrate layer;

a first metal oxide layer;

a first silver containing layer;

a second metal oxide layer;

a second silver containing layer;

a third metal oxide layer;

a first adhesive layer;

a second transparent substrate layer;

a second adhesive layer; and

a glass substrate,

wherein said infra-red reflecting layered structure further ~~comprising~~ comprises at least one protective intermediate layer comprising gold, said protective intermediate layer being located on both sides of at least one of the first and second silver containing layers;

    said first, second and third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm and said infra-red reflecting layered structure ~~laminated on glass~~, having a visual light transmittance (VLT) higher than 70 % and a solar heat gain coefficient (SHGC) lower than 0.44.

2. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 1, wherein said infra-red reflecting layered structure has a light to solar gain ratio (LSG ratio) higher than 1.60.

3. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 1, wherein said first, second and third metal oxide layer comprises TiO<sub>2</sub>.

4. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 3, wherein said TiO<sub>2</sub> is mainly composed of rutile phase.

5 - 6. (Cancelled)

7. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 1, wherein said first and second silver containing layer have a thickness between 10 and 25 nm.

8. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 1, wherein said first, second and third metal oxide layer have a thickness between 25 and 70 nm.

9. (Currently Amended) ~~An infra-red reflecting~~ A layered structure according to claim 1, wherein the infra-red reflecting layered structure is a transparent heat-mirror.

10. (Withdrawn) A method of reducing the number of silver containing layers in an infra-red reflecting layered structure, said method comprising the following steps:

providing a transparent substrate layer;

depositing upon said substrate layer a first metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said first metal oxide layer a first silver containing layer;

depositing upon said first silver containing layer a second metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said second metal oxide layer a second silver containing layer;

depositing upon said second silver containing layer a third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm.

11. (Withdrawn) A method of improving the visual light transmittance of an infra-red reflecting layered structure, said method comprising the following steps :

providing a transparent substrate layer;

depositing upon said substrate layer a first metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said first metal oxide layer a first silver containing layer;

depositing upon said first silver containing layer a second metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said second metal oxide layer a second silver containing layer;

depositing upon said second silver containing layer a third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm.

12. (Currently Amended) An infra-red reflecting A layered structure, said layered structure comprising consecutively:

an infra-red reflecting layered structure, said infra-red reflecting layered structure comprising:

a first transparent substrate layer;

a first metal oxide layer;  
a first silver containing layer;  
a second metal oxide layer;  
a second silver containing layer;  
a third metal oxide layer;

a first adhesive layer;

a second transparent substrate layer;

a second adhesive layer; and

a glass substrate,

wherein said infra-red reflecting layered structure further ~~comprising~~  
comprises at least one protective intermediate layer comprising gold, said protective  
intermediate layer being located between a silver containing layer and a metal oxide layer  
and/or between a metal oxide layer and a silver containing layer;

wherein said first, second and third metal oxide layer is titanium dioxide  
deposited by reactive DC magnetron sputtering from a substoichiometric  $TiO_x$  target where  $x$   
is in the range between 1.5 to 2, and

wherein said first, second and third metal oxide layer has a refractive index of  
at least 2.40 at a wavelength of 500 nm and ~~said infra-red reflecting layered structure~~  
~~laminated on glass;~~ having a visual light transmittance (VLT) higher than 70 % and a solar  
heat gain coefficient (SHGC) lower than 0.44.